GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:4154
ANSWERED ON:11.08.2016
Setting up of NISE
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Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the Government has set up a National Institute of Solar Energy;
(b) if so, the details thereof along with its aims and objectives; and
(c) the steps taken by the Government to support and accelerate the process of induction of the latest solar energy technologies to ensure maximum cost benefit and their early commercialisation in the country especially in Maharashtra?

Answer

MINISTER OF STATE FOR POWER, COAL , NEW & RENEWABLE ENERGY & MINES (SHRI PIYUSH GOYAL)
(a) and (b): The Government has set up "National Institute of Solar Energy" by converting the existing 'Solar Energy Center' at Gurgaon, with its Headquarters and Research facilities at Gwal Pahari Village, District Gurgaon (Haryana). The Society, namely National Institute of Solar Energy (NISE), has been registered on 28/10/2013 under the Haryana Registration and Regulation of Societies Act 2012 (Haryana Act No.1 of 2012). NISE has been working as an apex National R&D Centre in Solar Energy and is coordinating research & technology development and other related works envisaged under the Jawaharlal Nehru National Solar Mission (JNNSM). The objectives and its functions are given in the Annexure.

(c): In Research and Development for Solar, Ministry of New and Renewable Energy (MNRE) provides 50% grant to industry for research. In addition, MNRE has sanctioned 4 Centers of Excellence in Solar Energy research in the country including in Maharashtra with the details as under:-
1. National Centre for Photovoltaic Research and Education (NCPRE) at IIT Bombay in "Crystalline Si solar cells, education and training":
2. Indian Institute of Engineering Science and Technology (IIEST), Kolkata in "Thin silicon solar cells and photovoltaic systems":
3. Center for Environmental Planning and Technology (CEPT), Ahmedabad in "Area of solar passive architecture and green building technologies":
4. IIT Jodhpur, Rajasthan in "Solar Thermal Research and Education".

Besides supporting Research and Development of Solar through various institutes, MNRE is also encouraging innovative technologies by way of pilot-cum-demonstration projects e.g. "Scheme for Development of Solar PV Power Plants on Canal Banks/ Canal Tops", to help in early commercialization of such initiatives.

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